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EXAMINER

DUDEK, JAMES A

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION

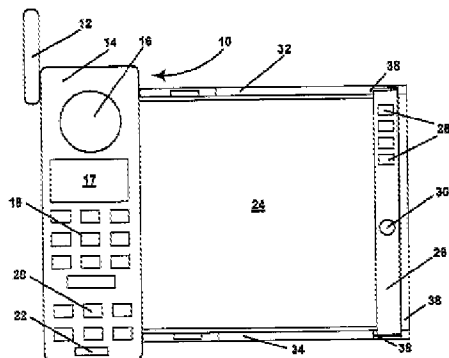
Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1-4, 6-9, 12-14, 16-24, 27-32 and 34 are rejected under 35 U.S.C. 102(b) as being anticipated by US 20020090980 A1 (980).



Per claims 1, 18, 13, 19, 27, 29-32 and 34, 980 teaches an electronic [includes keypad and cell phone as a whole including cell phone electronics] apparatus suitable for displaying information via a display device [24], the display device having at least one display panel [24] and being provided with driving electronics [inherent as necessary to produce different images], the display device being provided outside the electronic apparatus [see figure above the display 24 is outside of the housing 10] and the display panel being movable between a first position in which the display panel is substantially not visible [see figure 2] and a second position in which at least part of the display panel is visible [see above figure], the electronic apparatus being provided with means for providing display parameters to the display panel in the second position, wherein the display device has a first housing [that structure 32 surrounding the display], the first housing comprising the display panel in one of the first and second positions

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[see figure 2] and a second housing comprising driving electronics for the display panel [structure 32, see paragraph 0029, the separate housing will in some cases have a separate controller, thus in some case the control will be in the main housing, the controller being part of the driving electronics].

Per claims 6, 20 and 24, 980 teaches an electronic apparatus according to claim 1, the display panel being movable between a first position in which the display panel substantially is not visible and a second position in which at least part of the display panel is visible [see both figures 1-2].

Per claim 7-8, 980 teaches an electronic apparatus according to claim 1, the second housing and the electronic apparatus being mechanically interconnected [see figure 2].

Per claim 9, 980 teaches an electronic apparatus according to claim 1, the driving electronics in the second housing and electronic circuitry in the electronic apparatus being interconnectable by electromagnetic coupling [when the phone number is inputted it is displayed, the keypad and driving chips are inherently interconnected.]

Per claim 12, 980 teaches an electronic apparatus according to claim 1, the driving electronics in the second housing and the display panel being electrically interconnectable by mechanical coupling [inherent].

Per claims 14 and 29, 980 teaches an electronic apparatus according to claim 1, in which the first housing comprises means for introducing and fixing the display panel [see 32].

Per claim 16, 980 teaches an electronic apparatus according to claim 1, the electronic apparatus comprising the second housing [10].

Per claim 17, 980 teaches an electronic apparatus according to claim 1, the electronic apparatus comprising a controller for selecting at least one application for the display device [CPU] and further comprising memory means for storing at least display parameters related to said application [see paragraph 0039, RAM] and means for providing said display parameters to an interface between the electronic apparatus and the display device [inherent as the image is displayed].

Per claim 34, 980 teaches a housing according to claim 31 in which the housing comprises means for introducing and fixing the display panel [the panel is in the housing 32, 34 and 36 and thus inherently fixes and introduces the panel].

Per claims 13, 19, 27 and 29-30, 980 teaches an electronic apparatus according to claim 12 having a clamping mechanism to interconnect conducting patterns of the driving electronics in the second housing to conducting patterns of the display panel [see paragraph 0037 “The edge of the external screen (or part of the top half of the edge) may be designed so it can be easily slid, secured, and removed from the track.” There must be communication between the main body of the cell phone and the second display, thus the control electronics inherently have conducting patterns connecting the driving electronics in the second housing to conducting patterns of the display panel].

Per claims 2-3 and 20-22, 293 teaches an electronic apparatus according to claim 1, the first housing comprising fixing means for fixing the first housing in an enclosure [see paragraph 0037 “The edge of the external screen (or part of the top half of the edge) may be designed so it can be easily slid, secured, and removed from the track.”]

Per claims 4 and 23, 293 teaches an electronic apparatus according to claim 2 having closing means for the enclosure [see paragraph 0037 “The edge of the external screen (or part of the top half of the edge) may be designed so it can be easily slid, secured, and removed from the track.”]

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 11 and 26 are rejected under 35 U.S.C. 103(a) as being unpatentable over 980.

Per claim 11 and 26, 980 teaches a display device according to claims 1 and 20, but lacks the display panel being fixed by a spring mounting to the first housing. However, it was well known to use spring mounting in order to allow the outer display to easily open from the closed

position with the aid of a spring. *Accordingly, it would have been obvious to one of ordinary skill at the time of invention to combine the well known spring mounting to the phone of 980.*

Response to Arguments

Applicant's arguments with respect to the pending claims have been considered but are moot in view of the new ground(s) of rejection.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to /James A. Dudek/ whose telephone number is 571-272-2290. The examiner can normally be reached on 9:00-5:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on 571-272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/James A. Dudek/
Primary Examiner
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